Title (en)

METHOD FOR CONTROLLING THE TREATMENT OF A CRYSTAL BY MEANS OF A LIQUID

Title (de)

VERFAHREN ZUR STEUERUNG DER BEHANDLUNG EINES KRISTALLS MIT EINER FLÜSSIGKEIT

Title (fr)

PROCEDE POUR COMMANDER LE TRAITEMENT D'UN CRISTAL AU MOYEN D'UN LIQUIDE

Publication

EP 1668356 B1 20090617 (DE)

Application

EP 04765420 A 20040920

Priority

- EP 2004010539 W 20040920
- DE 10343522 A 20030919

Abstract (en)

[origin: WO2005031344A1] The invention relates to a method for controlling the treatment of a crystal (2) by means of a liquid, wherein an image signal is captured by an image capturing system (200), said image signal representing a momentary image of a crystal having drops poured thereon by an electrically controllable microdosing system (11, 300), said image signal having a liquid environment whereby the image signal is treated and the momentary surface of the crystal and the liquid environment thereof is determined in the entire image by the image signal; the momentary surface is compared to a predefined desired value and a corrector drop control signal is determined and sent to the microdosing system if the surface is different from the desired value and the corrector drop signal is formed in such a manner that it represents a corrected frequency and/ or variable and/or form of the drops which are to be applied to the crystal and the liquid environment thereof, which are selected such that the difference with respect to the desired value is minimised.

IPC 8 full level

G01N 33/483 (2006.01); **C07K 1/14** (2006.01); **C30B 7/00** (2006.01); **C30B 29/58** (2006.01); **C30B 31/04** (2006.01); **C30B 33/00** (2006.01); **G01N 33/48** (2006.01); **G01N 35/10** (2006.01)

CPC (source: EP US)

C30B 7/00 (2013.01 - EP US); **C30B 29/58** (2013.01 - EP US); G01N 2223/056 (2013.01 - EP US); G01N 2223/612 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005031344 A1 20050407; AT E434181 T1 20090715; DE 10343522 A1 20050414; DE 10343522 B4 20080918; DE 502004009626 D1 20090730; EP 1668356 A1 20060614; EP 1668356 B1 20090617; US 2007275333 A1 20071129

DOCDB simple family (application)

EP 2004010539 W 20040920; AT 04765420 T 20040920; DE 10343522 A 20030919; DE 502004009626 T 20040920; EP 04765420 A 20040920; US 57224704 A 20040920